

**VISM<sup>®</sup>**  
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**ULTIMATE SIGHTING  
SYSTEM GEN3 SCOPE**

**PATENT PENDING**

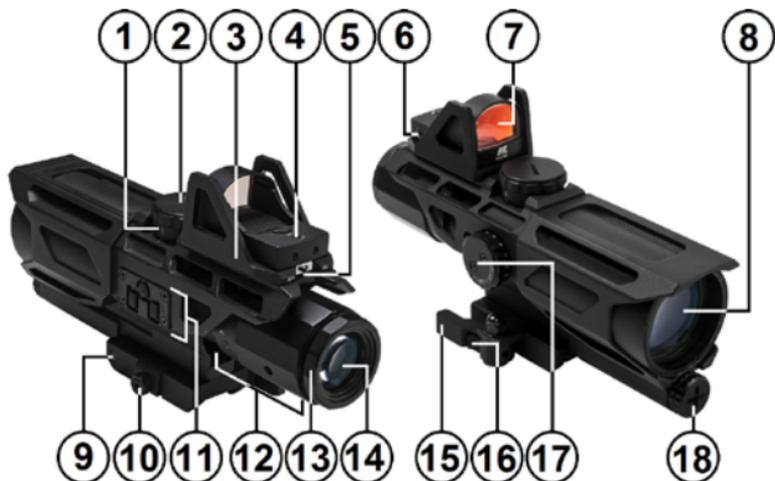
**OWNER'S MANUAL**

# ULTIMATE SIGHTING SYSTEM GEN3 SCOPE

Congratulations on the purchase of your new VISM® Ultimate Sighting System Generation 3 scope! The Ultimate Sighting System (USS) GEN3 Scope is a 3-9X40mm scope. Scope features include: Locking Quick Release Mount, Electronic Control Panel for operating the Illuminated Reticle, large Magnification Power Ring, Quick Focus Ring, AA batteries, and a Bullet Drop Compensator.

Backed by a Lifetime Limited Warranty, your VISM® USS GEN3 Scope will provide you with years of reliable service. This Owner's Manual will help you understand all of the features of your new scope. Please follow all instructions carefully before initial use to experience the best performance.

## Ultimate Sighting System GEN3 Scope Features



- |    |  |     |  |
|----|--|-----|--|
| 1. | BDC Turret<br>(calibrated for M193 - 5.56 55gr. FMJ) | 10. | Allen Head Adjustment Screw<br>(Mount rail tension) and Hex Lock Nut |
| 2. | Elevation Cap/ Adjustment Dial (U/P)                 | 11. | Electronic Control Panel   |
| 3. | Red Dot Armored Base Mount                           | 12. | Large Magnification Power Ring                                       |
| 4. | Red Dot Elevation Adjustment (U/P)                   | 13. | Quick Focus Ring   |
| 5. | Red Dot On/Off Switch                                | 14. | Scope Ocular Lens  |
| 6. | Red Dot Windage Adjustment (L/R)                     | 15. | Quick Release Lever  |
| 7. | Red Dot Reflex Lens                                  | 16. | Auto-Locking Latch for QR Lever                                      |
| 8. | Scope Objective Lens                                 | 17. | Windage Adjustment Turret (L/R)                                      |
| 9. | Recoil Lug   | 18. | AA Battery Cap (+) & Compartment                                     |

**CAUTION: BE SURE THAT YOUR FIREARM IS UNLOADED AND POINTED IN A SAFE DIRECTION. PRACTICE SAFE FIREARMS HANDLING PROCEDURES AT ALL TIMES.**

**NOTE: IF YOU ARE UNFAMILIAR WITH THE PROCESS OF MOUNTING A SCOPE, IT MAY BE NECESSARY TO EMPLOY THE SERVICE OF A QUALIFIED GUNSMITH.**

### **Focusing Your Scope**

**CAUTION: VIEWING THE SUN WITH THIS SCOPE OR ANY OTHER OPTICAL DEVICE CAN CAUSE PERMANENT INJURY TO THE EYE INCLUDING BLINDNESS**

Holding the USS GEN3 scope at the proper distance from your eye, in order to achieve a Full Field of View, the reticle should appear sharp and clear. If not, it will be necessary to adjust the focus by turning the Quick Focus Ring.

1. Make quick glances through the eyepiece at a featureless bright surface such as a white wall, or the open sky. Please point a cleared firearm in a Safe Direction at all times.
2. Turning the Quick Focus Ring Counter-Clockwise (↺) will extend the Ocular Lens outward, generally suitable for those who are far sighted. Turning the Quick Focus Ring Clockwise (↻) will draw the Ocular Lens inward, generally suitable for those who are near sighted.
3. Fine tune your adjustments until the reticle appears sharp and clear. Once the Ocular Lens reaches its outer limits of adjustment, be sure not to force it as doing so will cause damage to the eyepiece.



### **Magnification Adjustment**

The USS GEN3 scope has a large Magnification Power Ring located in front of the Ocular Lens. By turning this ring you can quickly and easily choose the desired magnification level. Lower levels of magnification provide you with a wider Field of View, while higher levels of magnification provide you with a closer view of your target.

- Turning the Magnification Power Ring Clockwise (↻) reduces the magnification power level.
- Turning the Magnification Power Ring Counter-Clockwise (↺) increase the magnification power level.

There is a Dot engraved near the Magnification Numbers on the Power Ring to indicate the current magnification settings of the scope.

### **Mounting the Ultimate Sighting System GEN3 Scope**

The USS GEN3 scopes are equipped with a Quick Release Mount with an Auto-Locking Latch. To mount the scope to a Weaver/ Picatinny/ MIL-STD 1913 type rail, move the Auto-Locking Latch located within the Quick Release Lever away from the pivot point and swing the Quick Release Lever to the forward (Open) position. Place the Quick Release Mount onto the optics rail, with the Recoil Lug placed into one of the cross slots on the optics rail. Move the Quick Release Lever rearward (Closed position) to secure/tighten the Quick Release Mount to the optics rail.

On the Left side of the Quick Release Mount is a Lock Nut and Allen Head Adjustment Screw. The Allen Head Adjustment Screw is used to adjust the rail mount tension. To adjust the rail mount tension, you must first loosen the Lock Nut Counter-Clockwise (↺). Once the Lock Nut is loosened or removed, you can then use an Allen wrench to turn the Allen Head Adjustment Screw.

Turn the Allen Head Adjustment Screw Clockwise (↻) to make the rail mount tension Tighter, turn the Allen Head Adjustment Screw Counter-Clockwise (↺) to make the rail mount tension Looser.

To test the rail mount tension, open and close the Quick Release Lever while mounted on the optics rail. Make adjustments to the Allen Head Adjustment Screw until you get the proper rail tension. Once you have the rail mount tension properly adjusted, turn the Lock Nut Clockwise (↻) to Lock the Allen Head Adjustment Screw in place.

### **Dismounting the Ultimate Sighting System GEN3 Scope**

To remove the USS GEN3 Scope from a rail, slide the Auto-Locking Latch located within the Quick Release Lever away from the pivot point and swing the Quick Release Lever to the forward (Open) position. You can then remove the scope from the rail.

## **Scope Elevation and Windage Adjustments**

The USS GEN3 Scope is equipped with Elevation and Windage Adjustment Dials, which changes your reticles point of aim, relative to your rifles point of impact.

The Scope Reticle Elevation Adjustment Dial is located inside the BDC Turret Cap on top of the scope body and is responsible for the Up and Down movement of the reticle. To access the Elevation Adjustment Dial you will need to remove the top cap from the BDC Turret. The top cap features a machined slot in the center. You may use a flat blade screw driver or a coin to turn the cap Counter-Clockwise (↺) for removal. Inside the BDC turret the Elevation Adjustment Dial features a slotted dial that you may adjust with a flat blade screw driver or coin.

The BDC Turret has the numbers 1 (100 yards) through 5 (500 yards) laser etched to the outside of the turret. There is a Dot to the left side of the BDC Turret to indicate the current BDC settings of the scope. Make sure that the BDC Turret is set to the 1 position when you're zeroing at 100 yards.

- Turning the Scope Reticle Elevation Adjustment Dial Clockwise (↻) will move the Reticle Up (↑), shifting the bullet point of impact Down (↓).
- Turning the Scope Reticle Elevation Adjustment Dial Counter-Clockwise (↺) will move the Reticle Down (↓), shifting the bullet point of impact Up (↑).

The Scope Reticle Windage Adjustment Dial is located on the right side of the Turret Body, and is responsible for the Left and Right movement of the of the reticle. The Windage Adjustment Turret does not require a tool for adjustment; you can turn the Windage Adjustment Turret with your fingers.

- Turning the Scope Reticle Windage Adjustment Turret Clockwise (↻) will move the Reticle Right (⇒), shifting the bullet point of impact Left (⇐).
- Turning the Scope Reticle Windage Adjustment Turret Counter-Clockwise (↺) will move the Reticle Left (⇐), shifting the bullet point of impact Right (⇒).

The Elevation and Windage Adjustments also feature Audible and Tactile Clicks which not only can you see and hear the Click adjustments, but you can feel them as well. Each Click moves the reticle point of aim a ½ MOA\* at 100 Yards. See the chart below to see the amount of movement of each click of the Adjustment Dials will move the reticle for your USS GEN3 Scope model at various distances.

| Elevation/Windage movement per click |           |           |           |           |           |
|--------------------------------------|-----------|-----------|-----------|-----------|-----------|
| 50 yards                             | 100 yards | 200 yards | 300 yards | 400 yards | 500 yards |
| ¼ MOA                                | ½ MOA     | 1 MOA     | 1½ MOA    | 2 MOA     | 2½ MOA    |

\*1 MOA = 1.047 Inches at 100 Yards

A Bullet Drop Compensator (BDC) is designed to compensate for the natural gravitational pull on the bullet as soon as it leaves the barrel. The internal BDC cam is calibrated for M193 5.56 55gr. FMJ Mil-Spec ammunition. The BDC will adjust the scope's reticle vertically to compensate for bullet drop in 100 yard increments, from 100 yards out to 500 yards. Set the BDC to your Target's approximate range to the closest 100 yard range increment and use the center of the reticle crosshair for an aiming at the target.

Your VISM® USS GEN3 Scope is factory set with a Centered Reticle necessary for efficient sighting-in. If you have made any prior adjustments to the Elevation and Windage settings it may be necessary to re-center the reticle. Turn the Elevation Adjustment Dial in either direction until it comes to a complete stop. Next, turn the dial in the opposite direction, counting the number of clicks, until you have reached the limits of the adjustment range. Divide the number of clicks in half, and turn the dial that exact number of clicks back towards the center of the adjustment range. Repeat this procedure for the Windage Adjustment Dial. The reticle will now be centered.

### **Red Dot Elevation and Windage Adjustments**

The Red Dot's Elevation screw is located on the top of the Red Dot optic, and is responsible for the Up and Down movement of the Dot.

- Turning the screw Clockwise (↻) moves Dot Down (↓) – moves Bullet Impact Up (↑)

- Turning the screw Counter-Clockwise (↺) moves Dot Up (↑) - moves Bullet Impact Down (↓)

The Red Dot's Windage screw is located on the Right side of the Red Dot optic, and is responsible for the Left and Right movement of the of the Dot.

- Turning the screw Clockwise (↻) moves Dot Left (←) – moves Bullet Impact to the Right (→)
- Turning the screw Counter-Clockwise (↺) moves Dot Right (→) - moves Bullet Impact to the Left (←)

### **Zeroing the Scope**

After you have completed the installation of your scope, it will be necessary to adjust the scopes point of aim to match the rifles point of impact. This can be accomplished by using several methods, but we recommend the use of a Bore Sighting Device to save time and ammunition. Using a Bore Sighting Device will ensure that your shots land "on paper". Follow the Manufacturer's Instructions for the Bore Sighting Device that you choose in order to achieve the best results. You are now ready to finalize your Zero.

**CAUTION: ALWAYS BE SURE TO REMOVE THE BORE SIGHTING DEVICE BEFORE SHOOTING LIVE AMMUNITION. FAILURE TO DO SO CAN CAUSE DAMAGE TO YOUR FIREARM OR INJURY TO YOURSELF AND THOSE AROUND YOU.**

**CAUTION: WHEN OPERATING ANY TYPE OF FIREARM ALWAYS USE PROPER EYE AND EAR PROTECTION. BE SURE TO USE YOUR FIREARM IN AN AREA THAT IS PERMISSIBLE UNDER LOCAL, STATE, AND FEDERAL LAW.**

Bore Sighting alone is not sufficient enough to ensure an accurate Zero. You must shoot your firearm at the range in order to confirm a 100% accurate Zero. Follow these steps to fine tune your scope adjustments:

1. Secure your firearm using a steady platform such as a rifle bench rest or sand bags.
2. Fire 3 to 5 carefully aimed shots at a target that is set to your desired Zeroing distance (100 yards is recommended).

3. Observe where the bullet grouping has struck the target and make adjustments to the Elevation and Windage settings as necessary until your point of aim matches your point of impact.
4. Continue with this process until you have achieved your desired level of accuracy.
5. Your scope is now Zeroed to your firearm at the distance that you have chosen.
6. Secure the BDC Top Cap when finished.

It is important to remember that many factors can affect the accuracy of your scopes zero including temperature, humidity, elevation, distance, angle, and other conditions. Changing ammunition brands and bullet type/weight can affect accuracy as well.

### **Electronic Control Panel**

The USS GEN3 Scope is equipped with a Blue & Red Illuminated Reticle feature. The Illuminated Reticle is used when exterior lighting conditions are less than optimal. The Electronic Control Panel for the Illuminated Reticle is located on the left side of the scope body. There are 5 brightness levels for the Illuminated Reticle.

- Holding the ↑ Button for about a second will turn the Illuminated Reticle On.
- To adjust the brightness level of the Illuminated Reticle you simply press the ↑ Button to increase the brightness level of the reticle or press the ↓ Button to decrease the brightness level of the Illuminated Reticle.
- Pressing the Round "C" Button will cycle the Illuminated Reticle color from Red/Blue. The scope will remember each of the brightness settings for both colors.
- Quickly pressing BOTH ↑ Button & ↓ Button at the same time will turn the Illuminated Reticle Off.
- When the Illumination is turned back On, it will remember the last brightness setting used.

Adjust the brightness level as needed in accordance with the surrounding conditions. The illumination will increase reticle visibility especially during dawn and dusk. This Illuminated Reticle is not intended for use in total darkness. When the illumination is turned OFF the reticle will appear as a normal Black Reticle.

Be sure that the Illuminated Reticle is turned Off when not in use to preserve battery life.

### **Scope Battery Installation**

At the front of the Scope Body you will find a Battery Cap with a (+) machined into the cap. Remove the (+) Battery Cap by turning it Counter-Clockwise (⤿) and Remove the old battery and dispose of it properly. Replace it with a New 1.5V AA Battery, with the positive (+) side facing outward. Reinstall the Battery Cap by twisting it Clockwise (⤻) until snug. You may have to push the cap down towards the threads, pushing against the spring inside the (+) battery compartment, for the cap to engage the threads.



If after you replace the batteries and the Illuminated Reticle does not turn On, make sure you have the battery properly inserted and in the correct orientation, the Battery Cap is properly and securely tightened, or try another set of New AA Batteries.

Be sure that the Illuminated Reticle is turned Off when not in use to preserve battery life. If you are going to store your scope for a prolonged period of time it is best to remove the battery to avoid leakage that can damage the scope.

### **Red Dot Battery Installation**

1. Using the supplied Allen wrench remove the two Allen Head Bolts located at the top of the Red Dot. Turn the Allen head bolts Counter-Clockwise (⤿) to remove. With the two Allen Head Bolts removed, you can now separate the Red Dot optic from the Base Mount.
2. Turn the Red Dot optic upside down to reveal the battery compartment. Remove and properly dispose of the old battery. Replace with a Brand NEW CR2032 3V lithium battery into the battery compartment with the "+" Battery Terminal facing out.
3. Use CAUTION when placing the Red Dot optic back onto the Base Mount to prevent damage to the wires, On/Off Switch, and other internal mechanisms. Carefully place the On/Off Switch back into the recess in the Base Mount and align the wires into the wire



- channel so that they do not get pinched when the Red Dot optic is bolted back onto the Base Mount. When placing Red Dot optic back onto the Base Mount make sure that the bolt holes align up.
4. Place the two Allen Head Bolts through the top of the Red Dot optic and tighten the Bolts Clockwise (↻). Make sure not to over tighten the Allen Head Bolts.
  5. Check and verify that the Red Dot is operating correctly. If it is not working, please make sure that the Battery was installed correctly.

### **Red Dot Armored Base Mount**

The Red Dot Armored Base Mount is a separate part from the Scope and the Red Dot optic. The Red Dot Armored Base Mount is removable. If the Red Dot optic is mounted, you will have to remove the Red Dot optic first. There are two Allen head bolts on top of the Red Dot that can be unscrewed Counter-Clockwise. The Red Dot Allen head bolts are longer than the Armored Base Mount bolts. With the Red Dot removed, there are two shorter Allen head bolts securing the Armored Base Mount to the top of the scope. Turn the bolts Counter-Clockwise and you will be able to remove the Red Dot Armored base Mount and Red Dot optic from your scope.

### **Care and Maintenance**

Your VISM® USS GEN3 scope is shock proof, waterproof, and fog proof. However, you should never try to take it apart or clean it internally. The exposed optical lens surfaces will perform their best if they are routinely cleaned with a lens brush or a lens cloth. For a deep cleaning, you can also use high grade camera lens paper and camera lens cleaning solutions. Never use any other type of materials or solvents other than those designed specifically for optical lenses to avoid damaging your scope. Clean the outer portion of the lens cavity first with cotton swabs, clearing as much debris and dust as possible. Then, gently clean the lenses using a circular motion starting in the center and ending at the edges. Do not rub the lenses continually; simply wipe in short circular patterns. Maintain the exterior surfaces of the scope by removing dirt or sand by using a soft brush or a soft, dry cloth. You can also use a silicone treated cloth to restore luster and protect the scope against corrosion. Be careful not to touch any of the

lenses with the silicone cloth. It is not necessary to lubricate any part of the scope as all of the moving parts, such as the turrets and the fast focus eyepiece, are permanently lubricated. When not in use, always store your scope in a dry place with the lens caps on to prevent scratches to the lenses.

**IF YOU ARE UNFAMILIAR WITH ANY OF THE PROCEDURES IN THIS MANUAL, ALWAYS SEEK THE HELP OF A QUALIFIED PROFESSIONAL TO AVOID DAMAGE TO YOUR SCOPE AND YOUR FIREARM.**

### **VISM® Ultimate Sighting System GEN3 Specifications**

| Model Number | Reticle   | Magnification | Objective Lens Diameter | Eye Relief | Field Of View Feet @ 100 yds | Exit Pupil Diameter | Turret Value Per Click | Battery Type | Lens Coating | Length Inches | Weight oz |
|--------------|-----------|---------------|-------------------------|------------|------------------------------|---------------------|------------------------|--------------|--------------|---------------|-----------|
| VSTM3940GDV3 | MIL-DOT   | 3x - 9x       | 40 mm                   | 2.5        | 36.8' - 12.0'                | 13.3 - 4.4mm        | ½ MOA                  | AA           | Green        | 7.3           | 22.0      |
| VSTP3940GDV3 | P4 SNIPER |               |                         |            |                              |                     |                        |              |              |               |           |

### **Red Dot Reflex Optic Specifications**

| Model Number | Dot Color | Dot Size | Objective Lens Size (mm) | Magnification | Battery Type | Lens Coating | Height Inches | Width Inches | Length Inches | Weight oz |
|--------------|-----------|----------|--------------------------|---------------|--------------|--------------|---------------|--------------|---------------|-----------|
| DDAB         | RED       | 2 MOA    | 23.5 X 16.8              | 1X            | CR2032       | Ruby         | 1.4"          | 1.1"         | 1.8"          | 1.3       |

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